

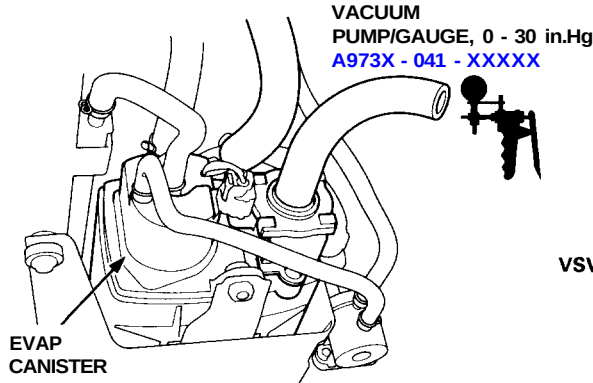
Emission Control System

Evaporative Emission (EVAP) Controls (cont'd)

EVAP canister vent shut valve test.

Check the EVAP canister vent shut valve:

1. Disconnect the vacuum hose and connect a vacuum pump to the hose.
2. Connect the PCM connector terminal F5 to the body ground with a jumper wire.
3. Turn the ignition switch ON (II).
4. Apply vacuum to the hose.



PCM CONNECTOR F (8P)

1	2	3	4
5	6	7	8

VSV (RED/WHT)

JUMPER WIRE

Wire side of female terminals

Does the valve hold vacuum?

YES

EVAP canister vent shut valve is OK. Do the canister system leak test (see page 11-199).

NO

Check for an open in the wire (VSV line):

1. Turn the ignition switch OFF.
2. Disconnect the EVAP canister vent shut valve 2P connector.
3. Check for continuity between the EVAP canister vent shut valve 2P connector terminal No. 2 and body ground.

EVAP CANISTER VENT SHUT VALVE 2P CONNECTOR (C673)

1	2
---	---



Wire side of female terminals

Is there continuity?

NO

Repair open in the wire between the EVAP canister vent shut valve and PCM (F5).

YES

Check for an open in the wire (IG1 line):

1. Turn the ignition switch ON (II).
2. Measure voltage between the EVAP canister vent shut valve 2P connector terminal No. 1 and body ground.

1	2
---	---



Is there battery voltage?

YES

Replace the EVAP canister vent shut valve and O-ring.

NO

Repair open in the wire between the EVAP canister vent shut valve and No. 20 ECU (PCM) (20 A) fuse.